

TEX2000

Machines in production process of synthetic filaments TEX2000-L – DTY laboratory and pilot machine



Processes

- False-twist draw texturing

Machine Types

- Pilot machine, 1 position
- Production machine, up to 48 positions

Characteristics

- Modular design with 1 to 48 positions
- Modules can be added with ease and at any time
- Texturing of diverse polymers (PET, PA, PP, PLA, bicomponent yarns, specialities)

Advantages

Production:

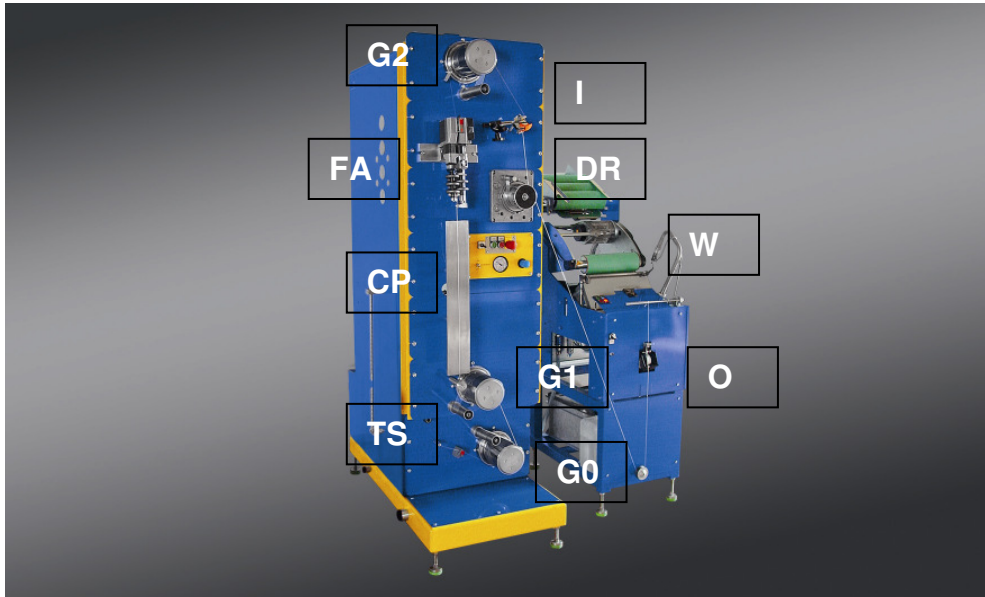
- High level of flexibility, small quantities exactly on demand
- Comfortable handling, string-up from the floor, short yarn path, 100% surveyable
- Practically no wear and tear parts, minimum idle times due to short cleaning time
- Positions can be set individually with numberless options in settings and parameters

Technology:

- Wide process window due to simultan or process and heated draw process
- Very high speed, depending on process
- Draw rolls render high temperature range (60 to 250 °C). This allows a production of diverse materials without any changes
- Titre range from fine with a large number of filaments to more course count yarns
- Options available, according to customer request

**Machines in production process of synthetic filaments
TEX2000-L – DTY laboratory and pilot machine**

Standard Dimension



Brief Technical Specification

• yarn and process data

- yarn data	[PET, PA, PP, PLA]			
titre range	[max den]	(20) 50 to 400 (600)	(depending on process conditions)	
- process data				
temperature	[max °C]	: 60 to 250 °C		
speed, mech.	[max m/min]	: up to 1800	(depending on process conditions)	

• machine data

(components of unit as illustrated)

- Bobbin creel	[mm]	: 1400 x 650 x 600	(h / w / d)
- Production unit	[mm]	: 2050 x 600 x 1200	(h / w / d)
G0 delivery godet	[mm]	: ø 127 x 150, heated	
G1 draw godet	[mm]	: ø 127 x 150, heated	
TS twist stopper			
CP cooling plate			
FA friction aggregate		: Temco FTS 525	
on-line tension control		: Win-OLT	(optional)
G2 delivery and setting godet		: ø 127 x 150, cold	(heating optional)
I intermingling		: Heberlein Slide-Jet	(optional)
DR delivery roll	[mm]	: ø 80 x 100, cold	
- Winding unit	[mm]	: 1650 x 500 x 1050	(h / w / d)
O oiling		: Oil roll applicator	(optional)
W winder		: SSM Digicon – Preciflex, with auto doffing	
bobbins format, weight		: 290 x min. 56 x 3.5 mm, up to 6000 g	

All rights reserved. Subject to change.